

5.2 REVIEW

Name _____ Date _____ Assignment # _____

Graph the lines using slope-intercept form

Write the equation of the line in slope-intercept form.

1. $m = -3$

$b = -10$

2. $m = \text{undefined}$

$x\text{-intercept} = -3$

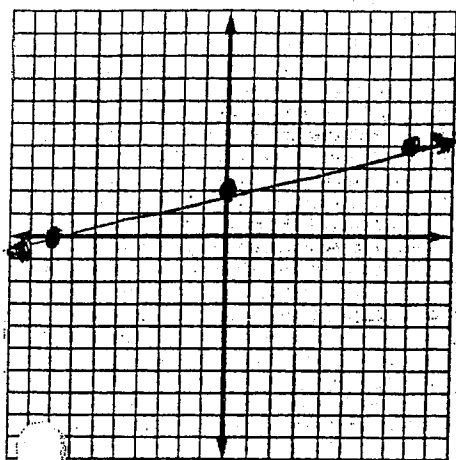
3. $m = \frac{1}{2}$

$b = 0$

4. $m = 0$

$b = 27$

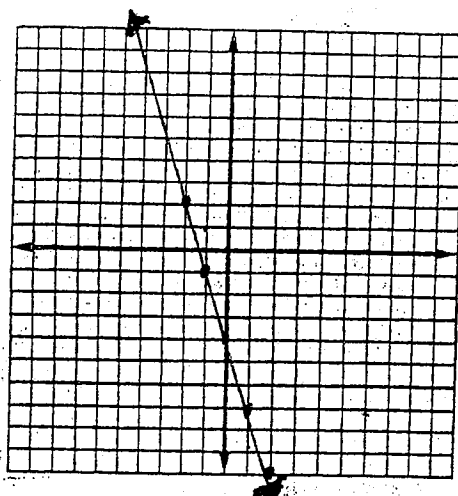
Find the slope and y-intercept of each line below. Write an equation for each line in slope-intercept form.



5. $m =$

$b =$

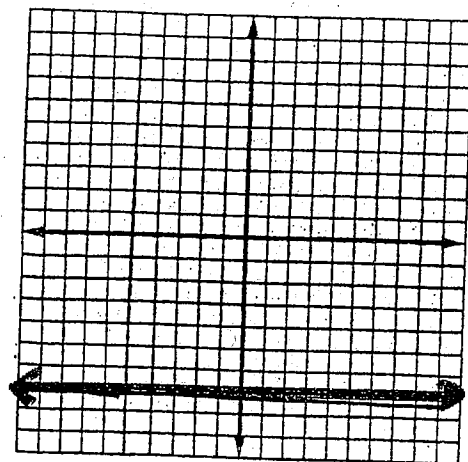
Equation:



6. $m =$

$b =$

Equation:



7. $m =$

$b =$

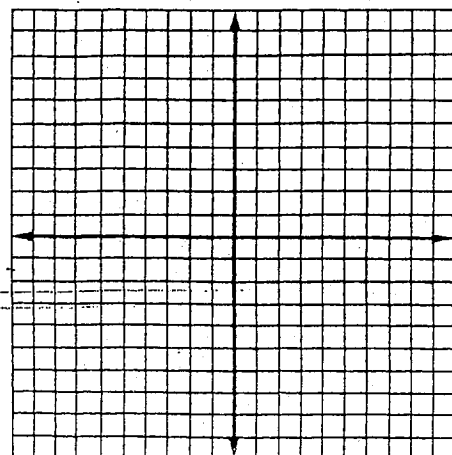
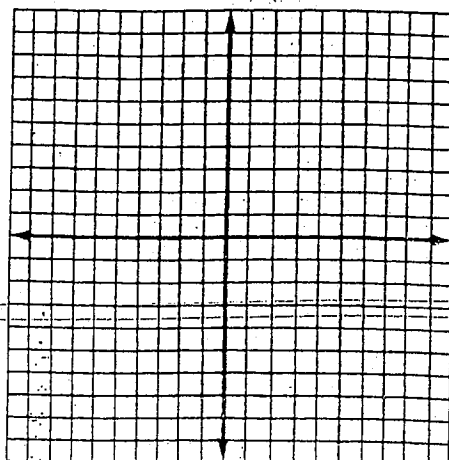
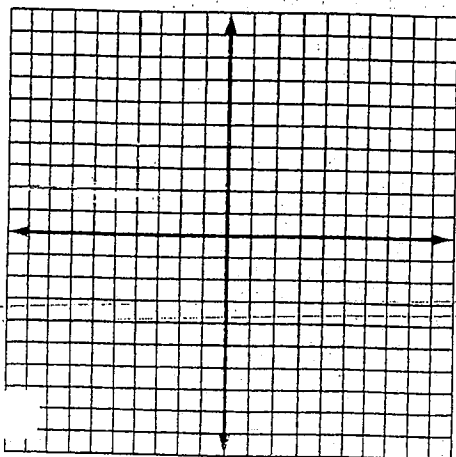
Equation:

Graph the following equations in slope-intercept form.

8. $y = \frac{4}{3}x - 1$

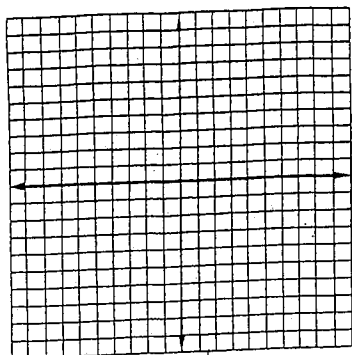
9. $y = -3x - 6$

10. $y = 8x + 9$

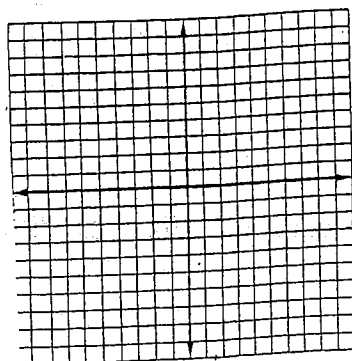


Name _____ Date _____ Assignment # _____
Graph the lines using slope-intercept form. Label m and b.

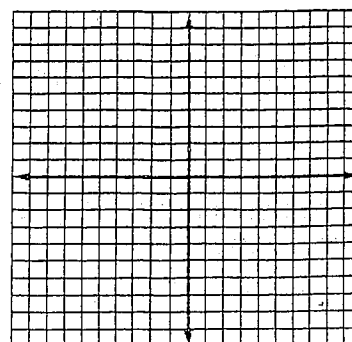
1. $y = 4x - 6$



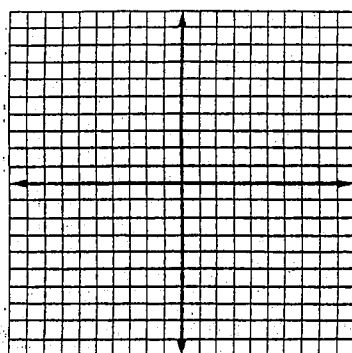
2. $y = -3x - 9$



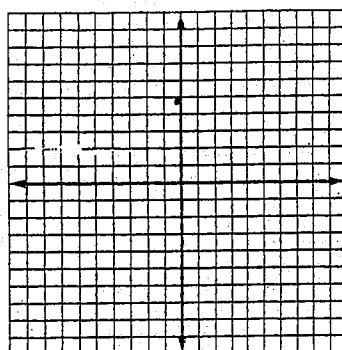
3. $y = 8x + 7$



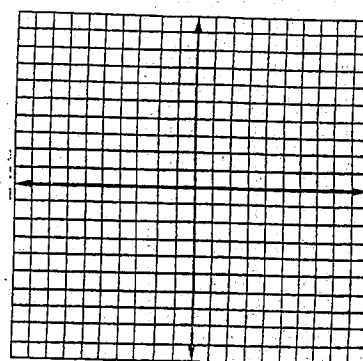
4. $y = \frac{1}{2}x + 1$



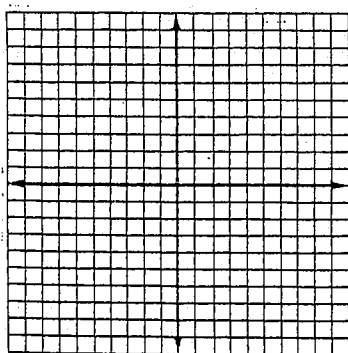
5. $y = -\frac{3}{4}x - 5$



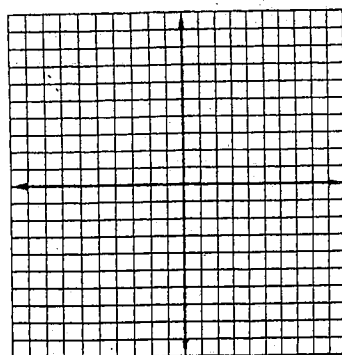
6. $y = 2x$



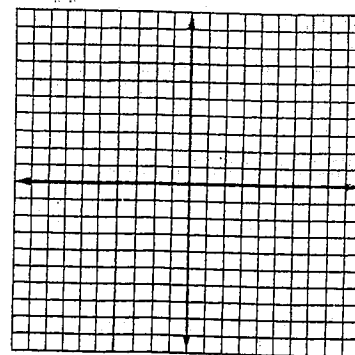
7. $y = -\frac{5}{8}x$



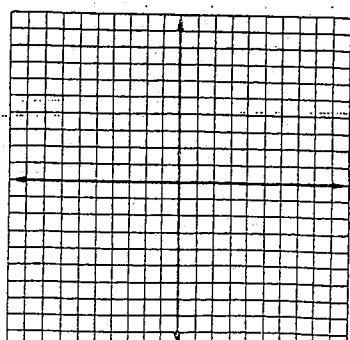
8. $y = -6x - 10$



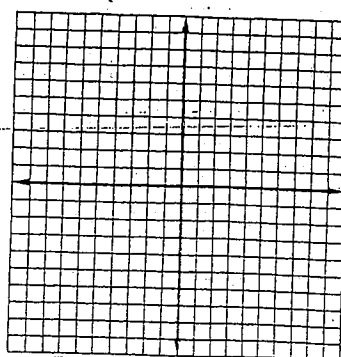
9. $y = x$



10. $y = 8$



11. $x = -4$



12. $y = \frac{4}{7}x - 1$

